



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/526,594

03/04/2005

Shinya Yoshida

62,817 (70801)

5793

21874

7590

08/22/2008

EDWARDS ANGELL PALMER & DODGE LLP

P.O. BOX 55874

BOSTON, MA 02205

EXAMINER

BLOUIN, MARK S

ART UNIT

PAPER NUMBER

2627

MAIL DATE

DELIVERY MODE

08/22/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/526,594	YOSHIDA, SHINYA	
	Examiner	Art Unit	
	MARK BLOUIN	2627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>3/4/05</u> . | 6) <input type="checkbox"/> Other: ____. |

Detailed Action

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ono et al (US 6,680,897) in view of Smith et al (US 5,579,296).

3. Regarding Claim 1, Ono et al shows (Figs. 1-14), an optical recording medium having data optically recorded thereon, characterized in that one face of a substrate of the optical recording medium has a circular recess (5) formed therein for engagement with a rotating device for the optical recording medium, and the other face of the substrate has a flat surface (2) with no projections and depressions, but does not show the flat face having a design put at least approximately on the center of the face.

Smith et al shows (Fig. 29) the flat face having a design put at least approximately on the center of the face.

One of ordinary skill in the art would have been motivated to have provided the flat surface of Ono with the design as taught by Smith in order to block light (as layer 31 of Ono does), and identify a particular disk and the information stored on that disk

Art Unit: 2627

4. Regarding Claim 2, Ono et al shows (Figs. 1-14), an optical recording medium characterized in that the circular recess (5), is cylindrically formed approximately in the center of the optical recording medium.

5. Regarding Claim 3, Ono et al shows (Figs. 1-14), an optical recording medium characterized in that the circular recess (5) is annularly formed.

6. Regarding Claim 4, Ono et al shows (Figs. 1-14), an optical recording medium characterized in that the annular recess (5) has an arc or triangle cross-section, and each corner between the arc or triangle and the substrate face forms an obtuse angle when seen in cross section.

7. Regarding Claims 5,11,15, and 19 Ono et al (Figs. 1-14) in view of Smith (Figs. 1-31) an optical recording medium characterized in that the substrate is composed of one plastic substrate, and the design put on the other face of :the plastic substrate is formed by means of printing (product by process).

8. Regarding Claims 6,12,16, and 20, Ono et al (Figs. 1-14) in view of Smith (Figs. 1-31) an optical recording medium characterized in that the substrate is composed of one plastic substrate (19) and the other face of the plastic substrate has optical data recorded thereon, the other face being provided with an adhesive layer and a cover layer attached by the adhesive layer, the design being put on a surface of the cover layer.

9. Regarding Claims 7,13,17,21,23, and 25 Ono et al shows (Figs. 1-14), an optical recording medium characterized in that the substrate has a metal piece (Fig 2 - semiconductor chip) or a magnetic element integrated therein.

Art Unit: 2627

10. Regarding Claims 8,14,18,22,24,26, and 27 Ono et al shows (Figs. 1-14), an optical recording medium characterized in that the optical recording medium has a memory (3) integrated therein.

11. Regarding Claim 9, Ono et al shows (Figs. 1-14), an optical recording medium characterized in that the memory is a nonvolatile semiconductor memory (3).

12. Regarding Claim 10, Ono et al shows (Figs. 1-14), an optical recording medium, characterized in that the optical recording medium, has an antenna (10) which is connected to the memory integrated therein.

Conclusion

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Blouin whose telephone number is 571-272-7583. The examiner can normally be reached on M-F from 6:00 to 3:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Joe Feild, can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 10/526,594

Page 5

Art Unit: 2627

/Mark Blouin/

Primary Examiner of Art Unit 2627

Mark Blouin
Patent Examiner
Art Unit 2627
August 19, 2008